

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

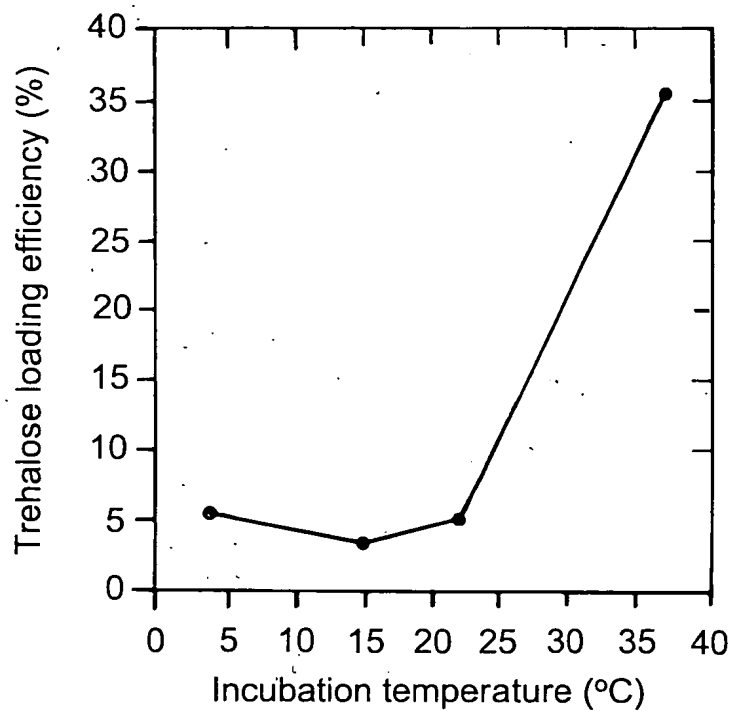


FIG. 1

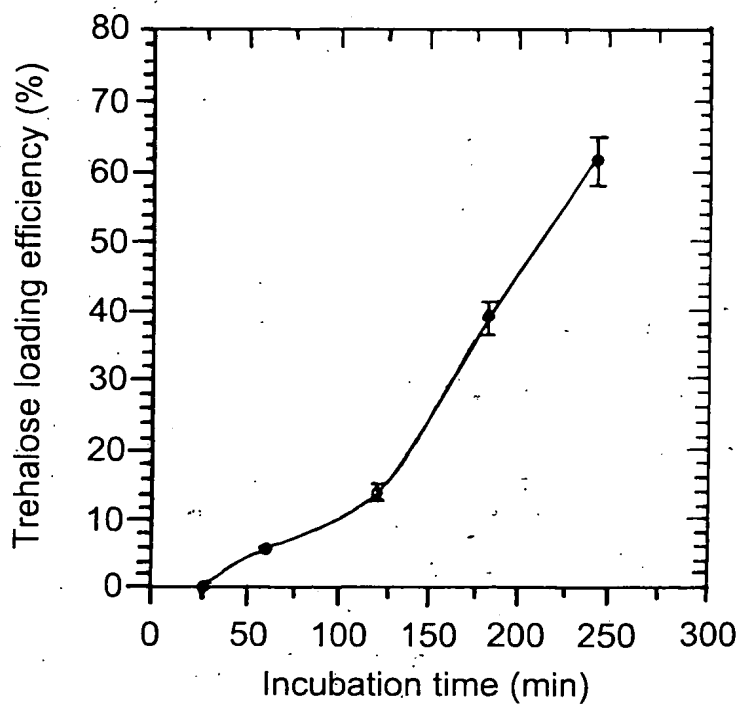
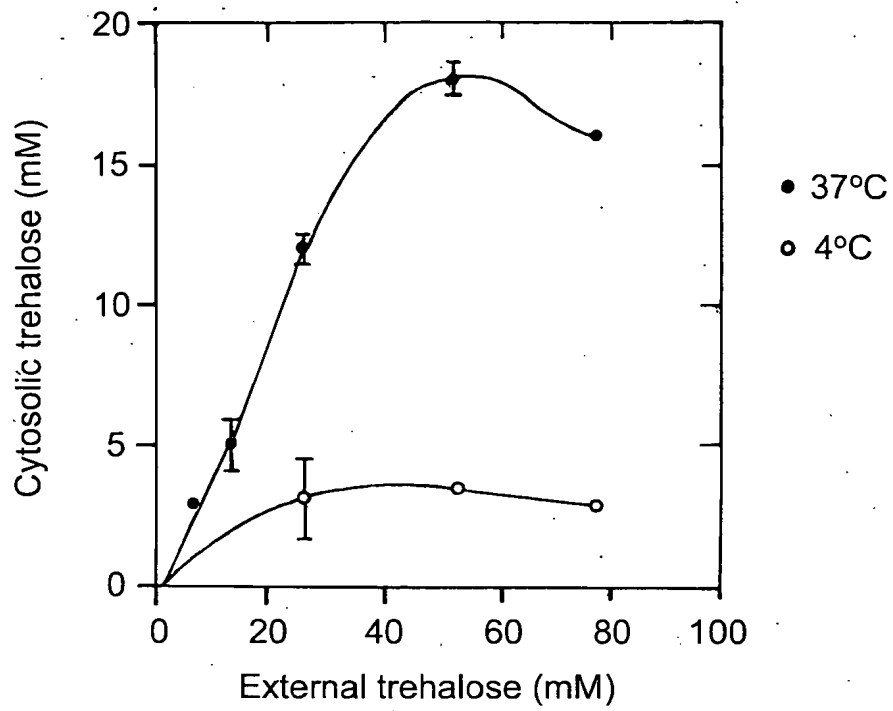
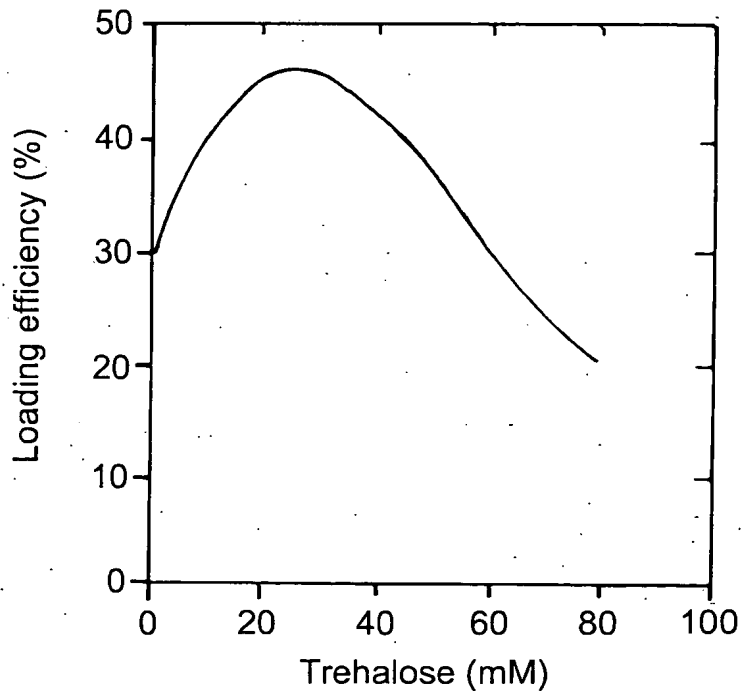
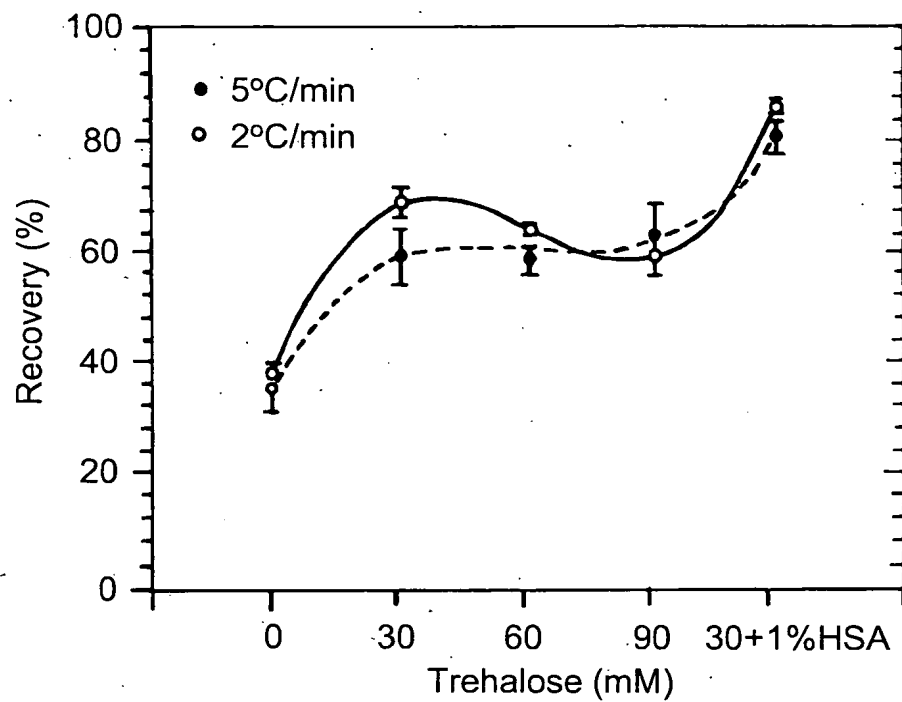
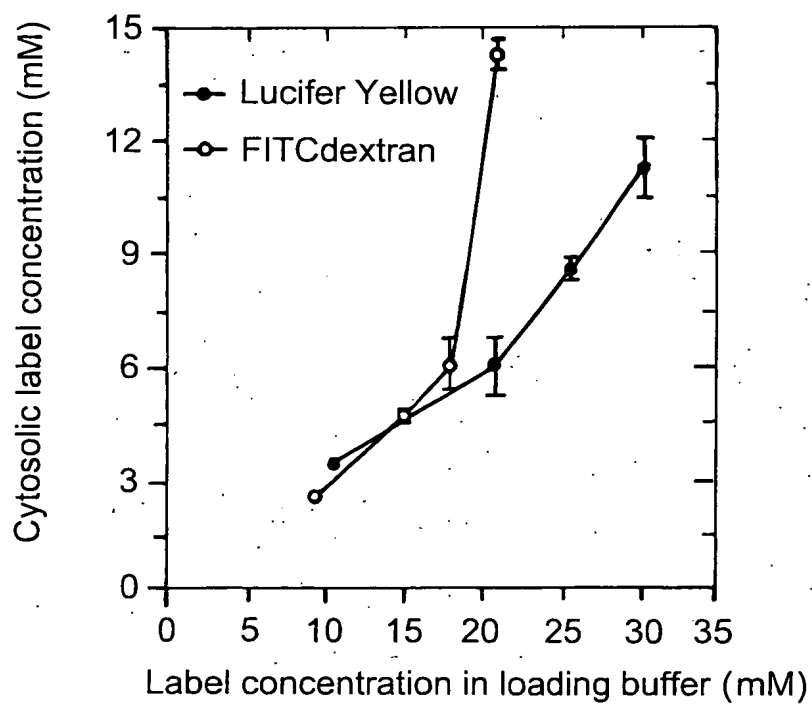


FIG. 2

2/17

**FIG. 3****FIG. 4**

3/17

**FIG. 5****FIG. 6**

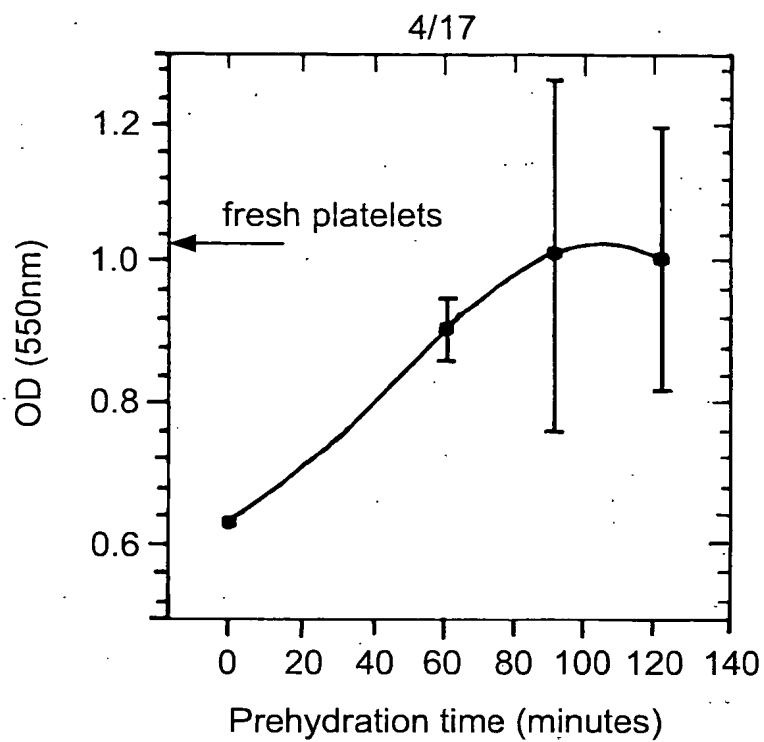


FIG. 7

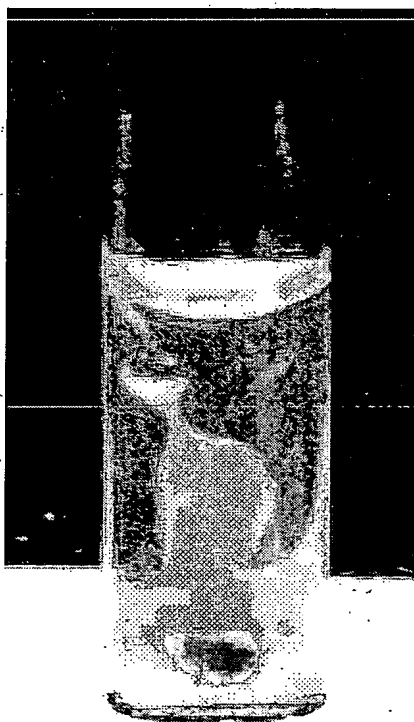


FIG. 8A
(PRIOR ART)

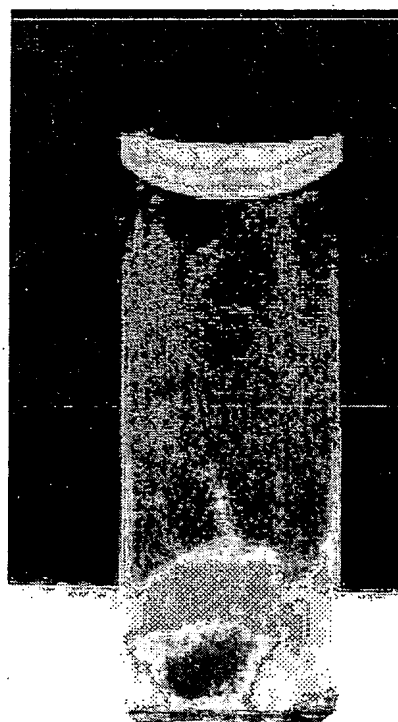


FIG. 8B

5/17

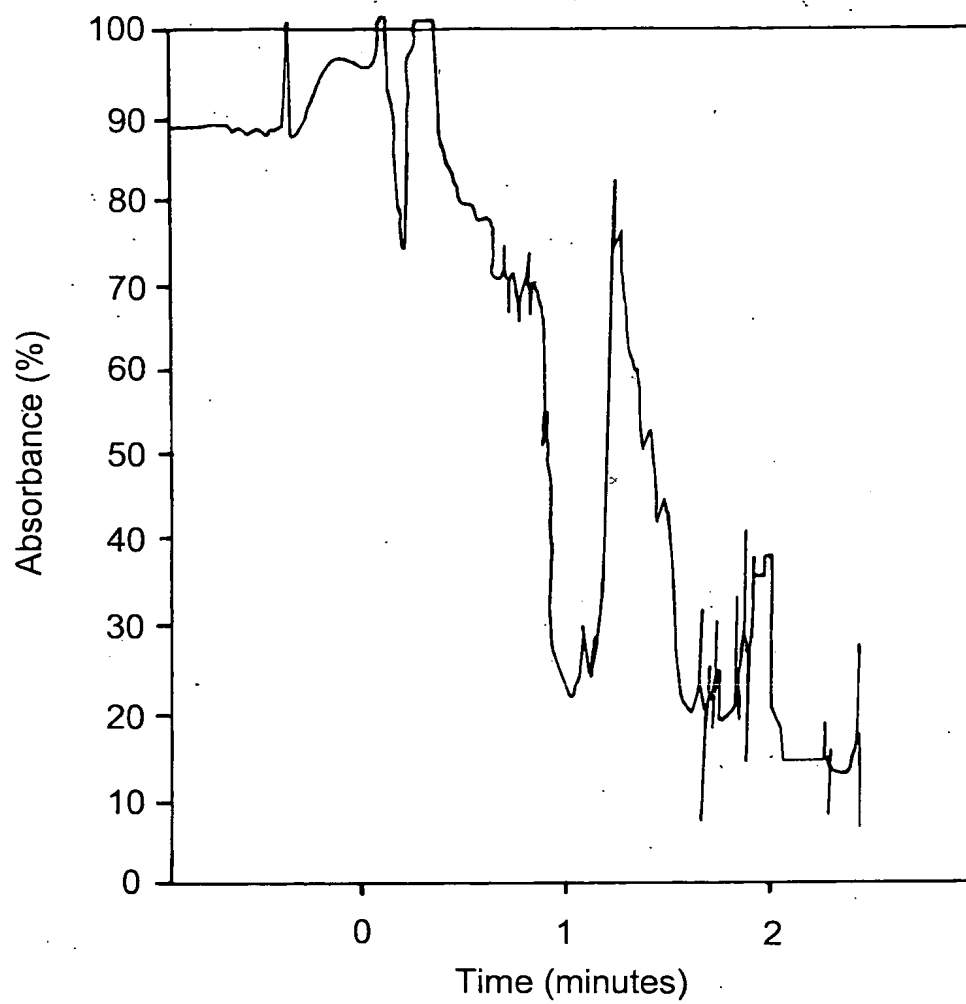


FIG. 9

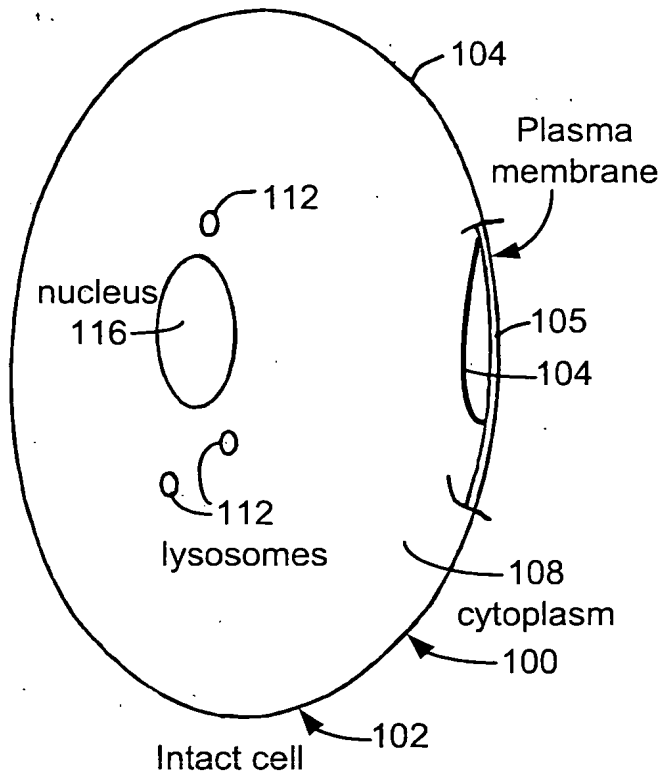


FIG. 10

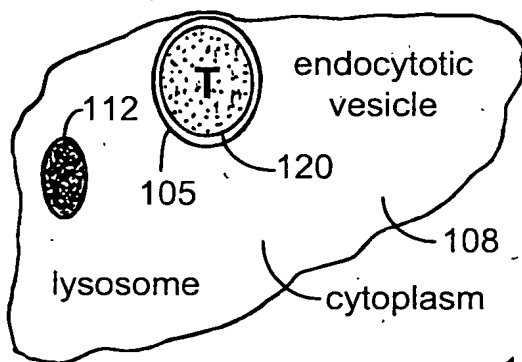


FIG. 14

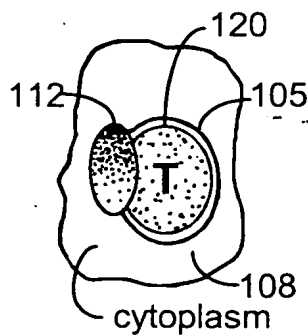


FIG. 15

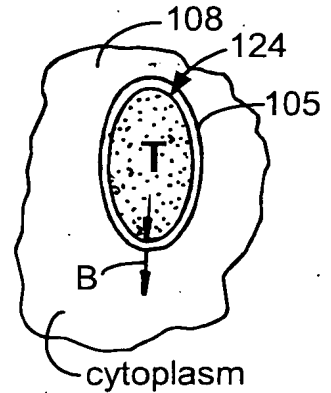


FIG. 16

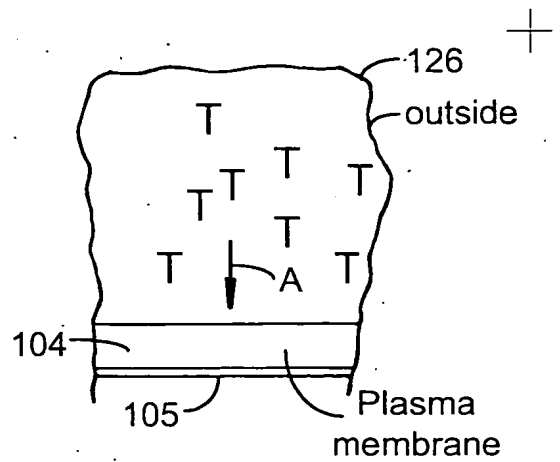


FIG. 11

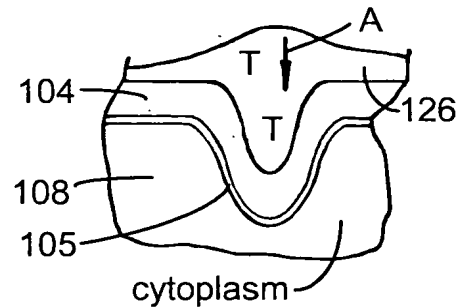


FIG. 12

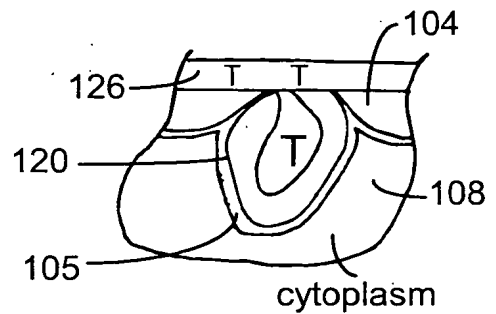


FIG. 13

7/17

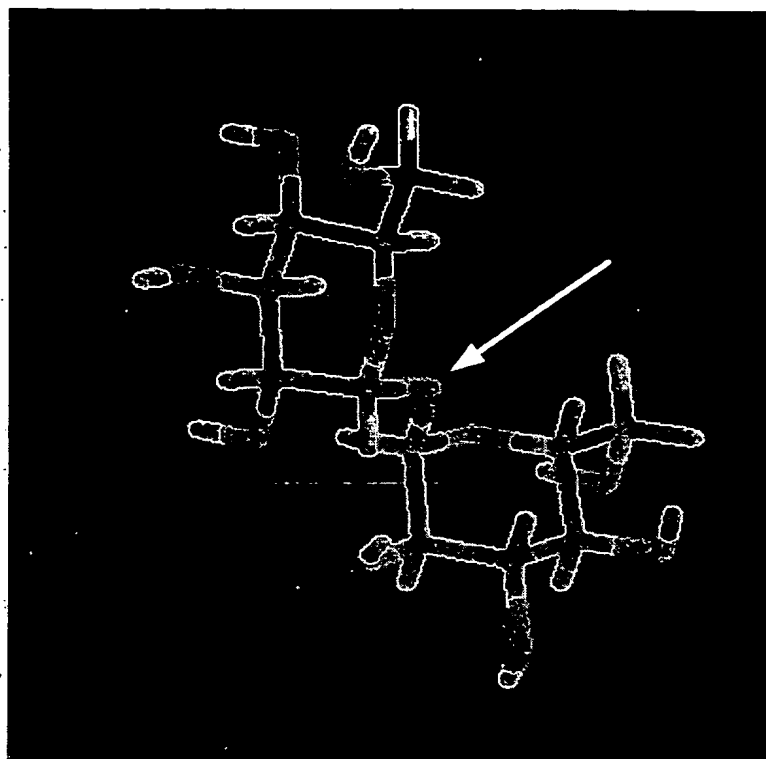


FIG. 17

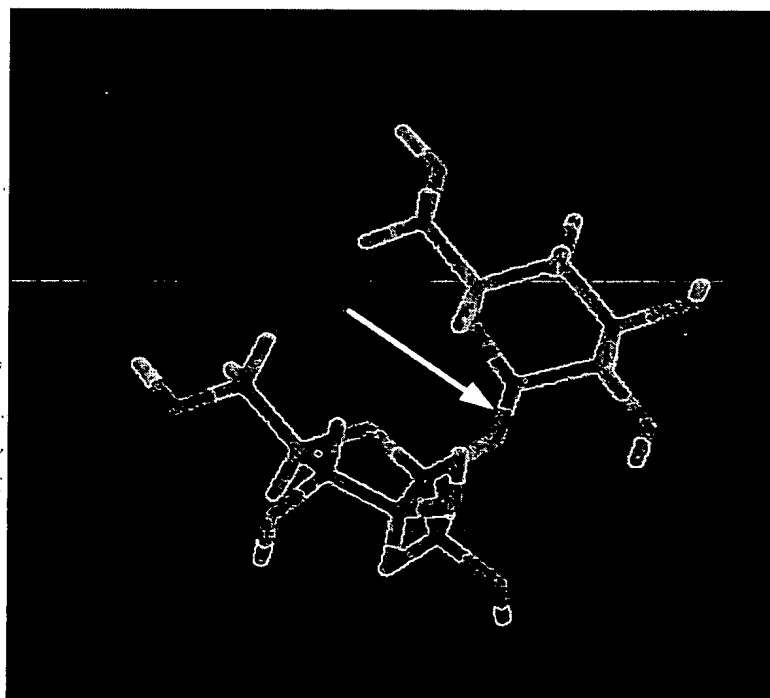
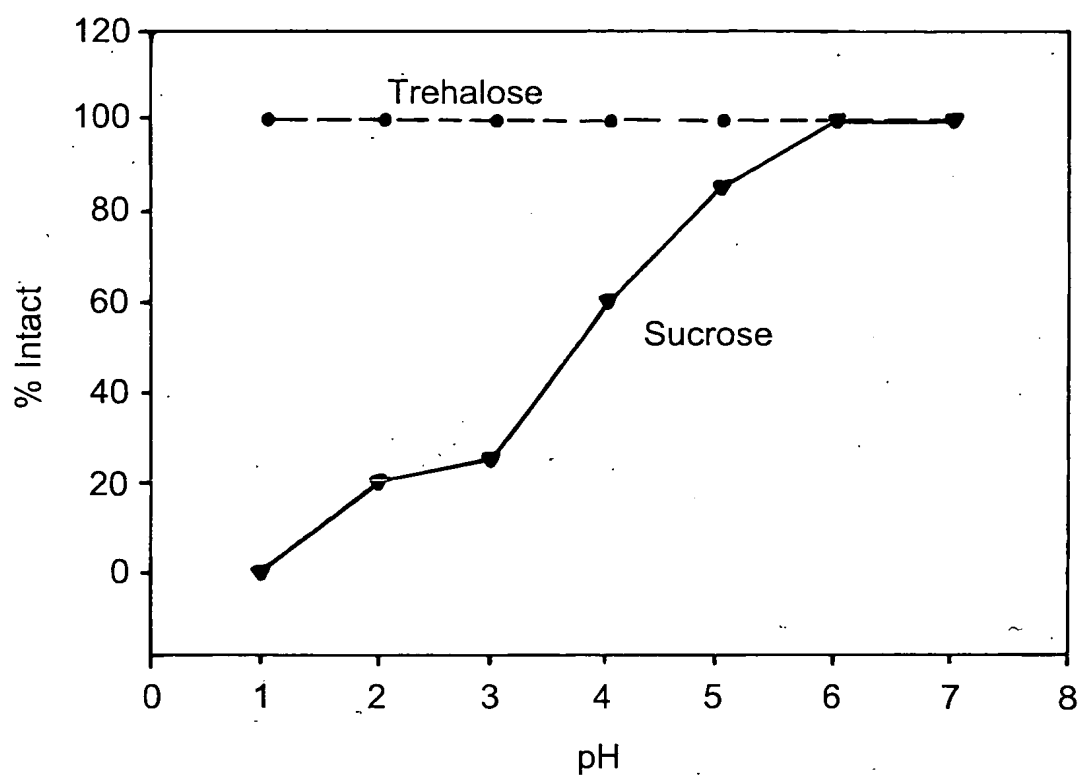
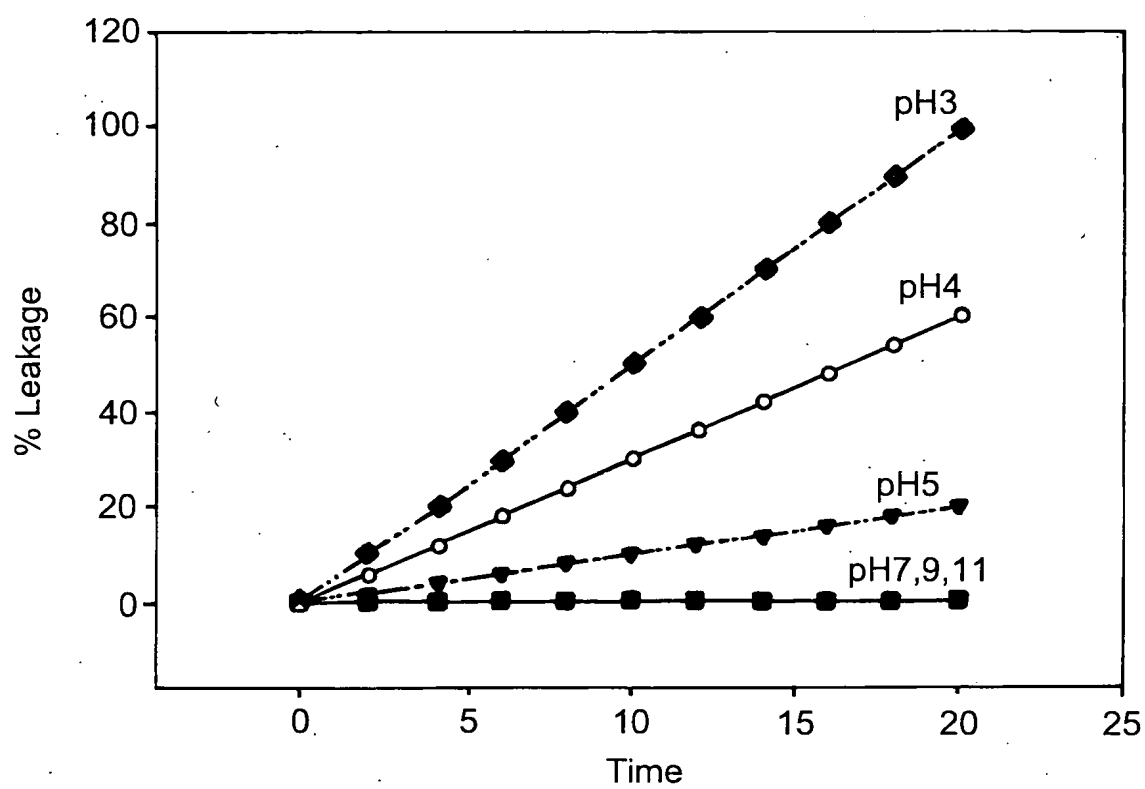


FIG. 18

8/17

**FIG. 19**

9/17

**FIG. 20**

10/17

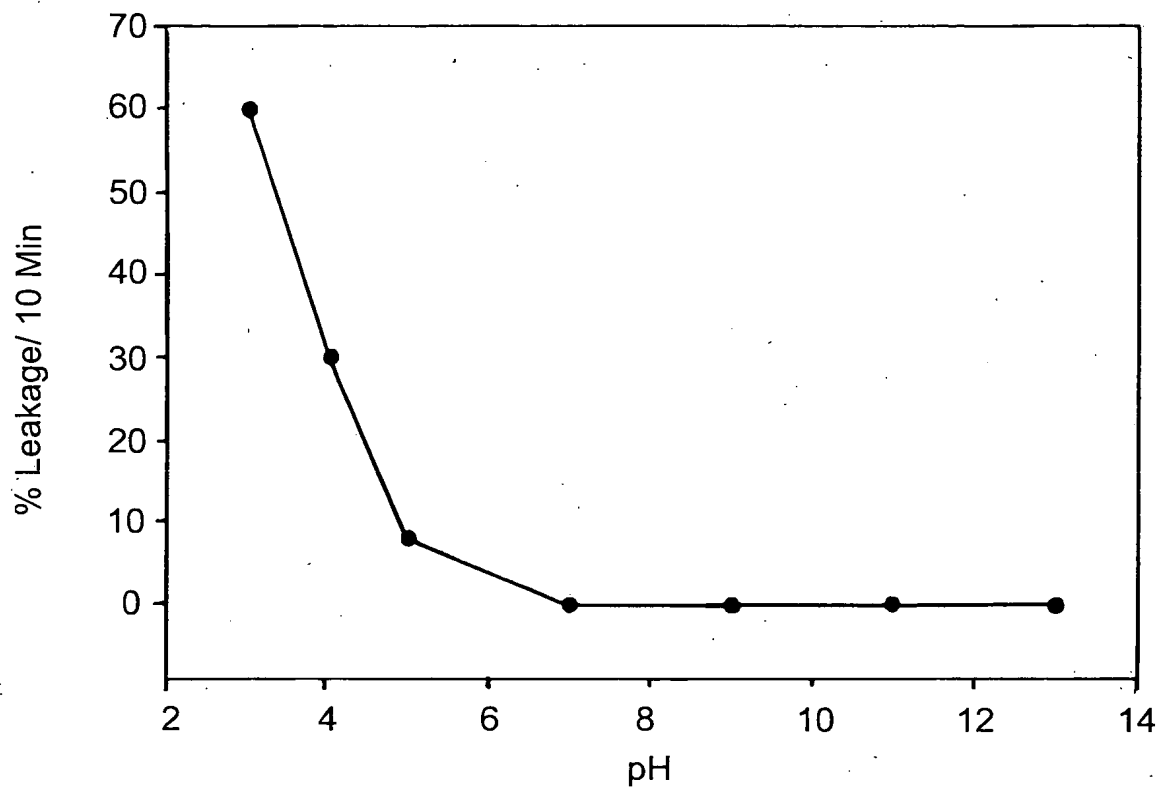


FIG. 21

11/17

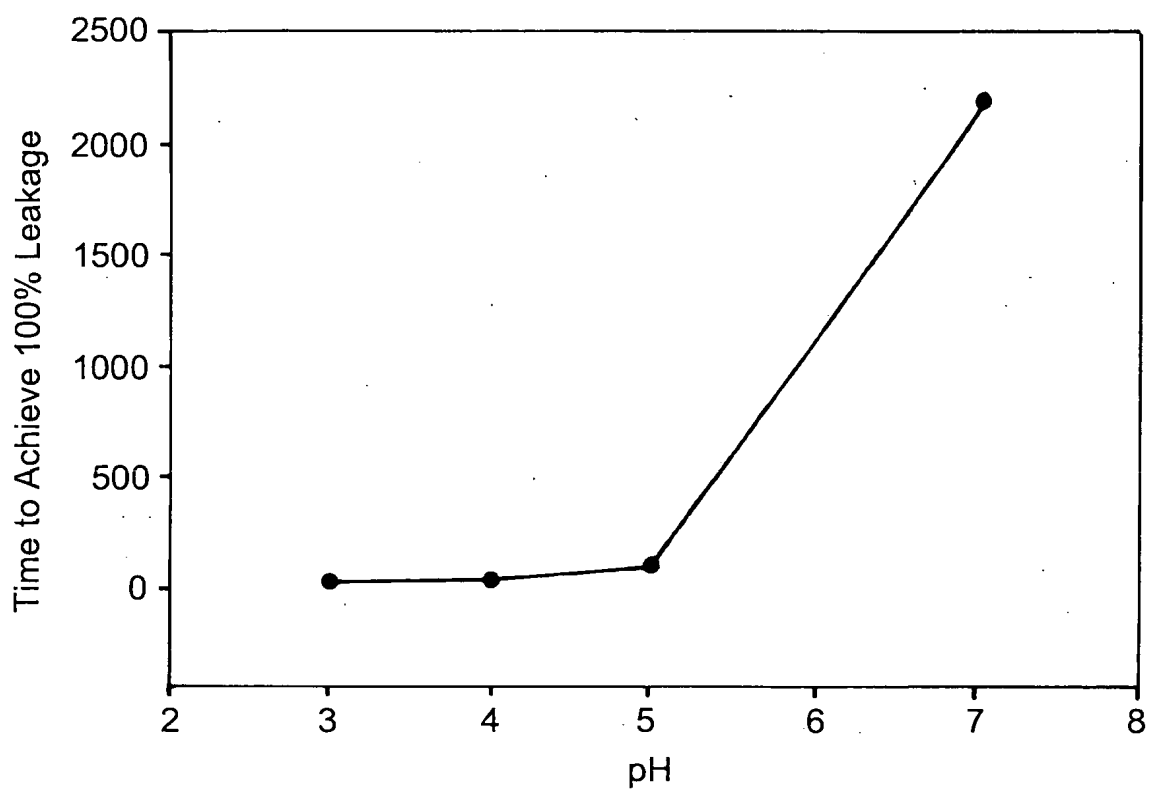
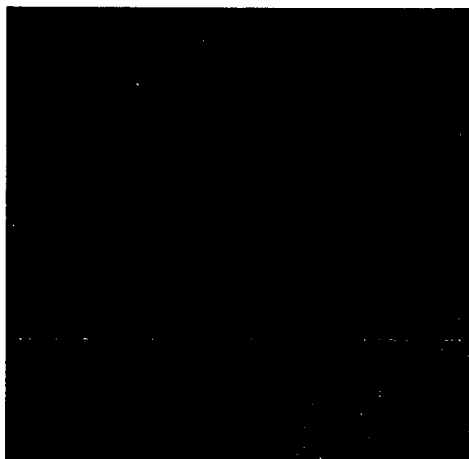


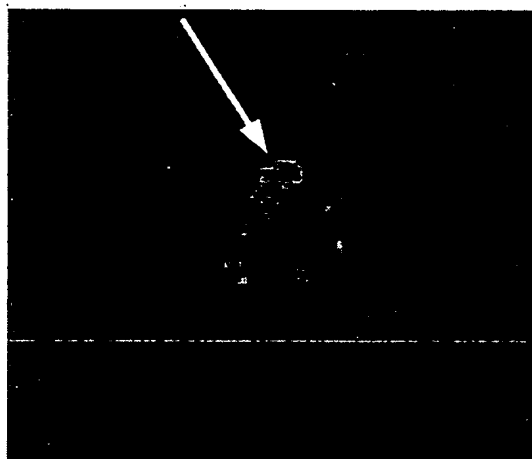
FIG. 22

12/17



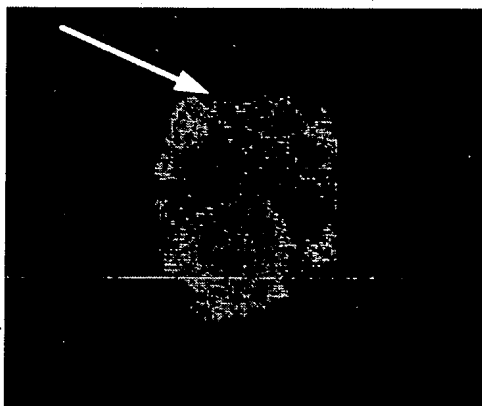
0 hrs (control)

FIG. 23



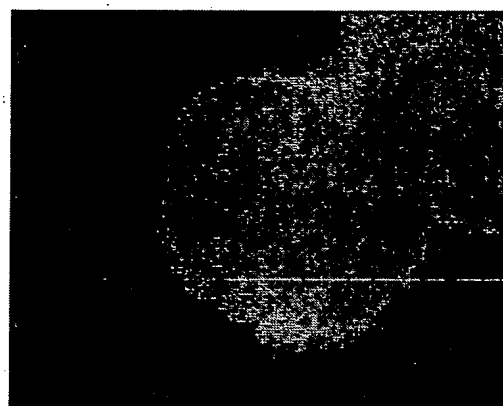
1 hr

FIG. 24



3.5 hrs

FIG. 25

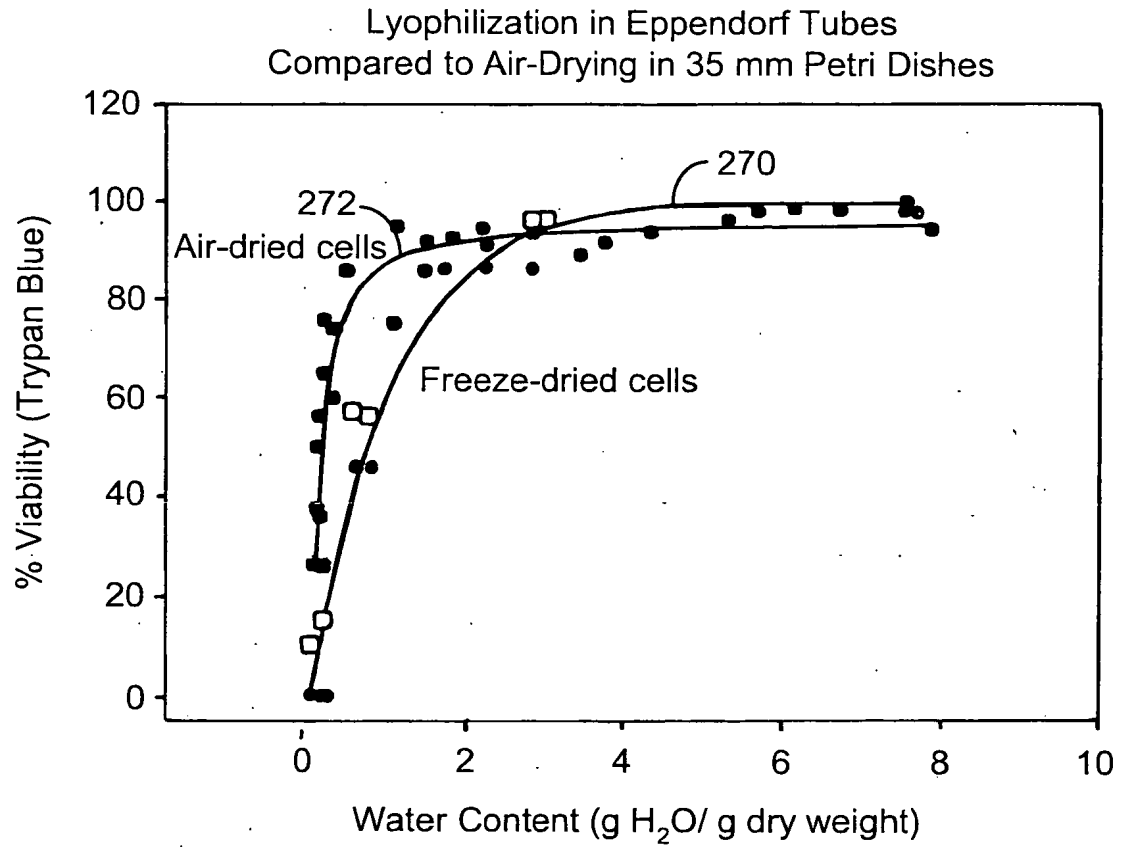


5 hrs

FIG. 26



13/17

**FIG. 27**

14/17

FIG. 28

Control:
LYCH for 5 h; No DMSO



FIG. 29

LYCH for 5 h;
DMSO for final 30 min

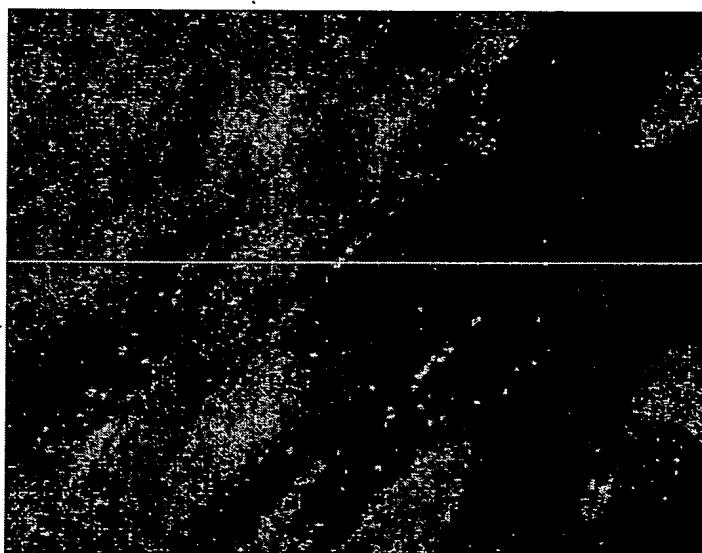
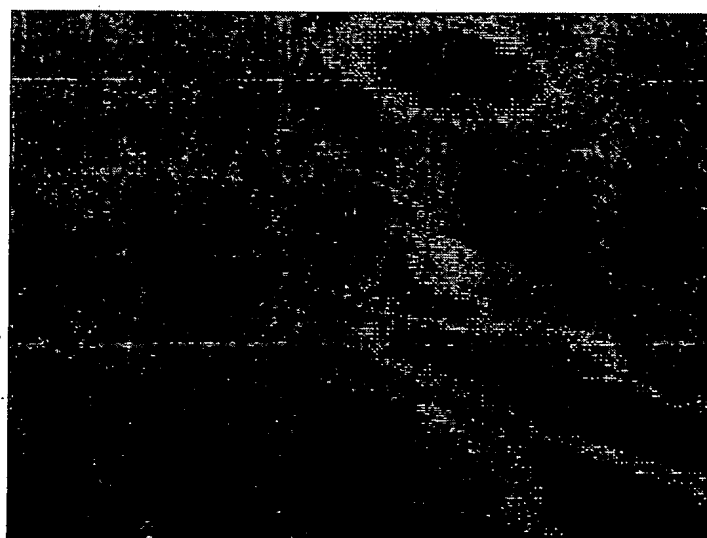


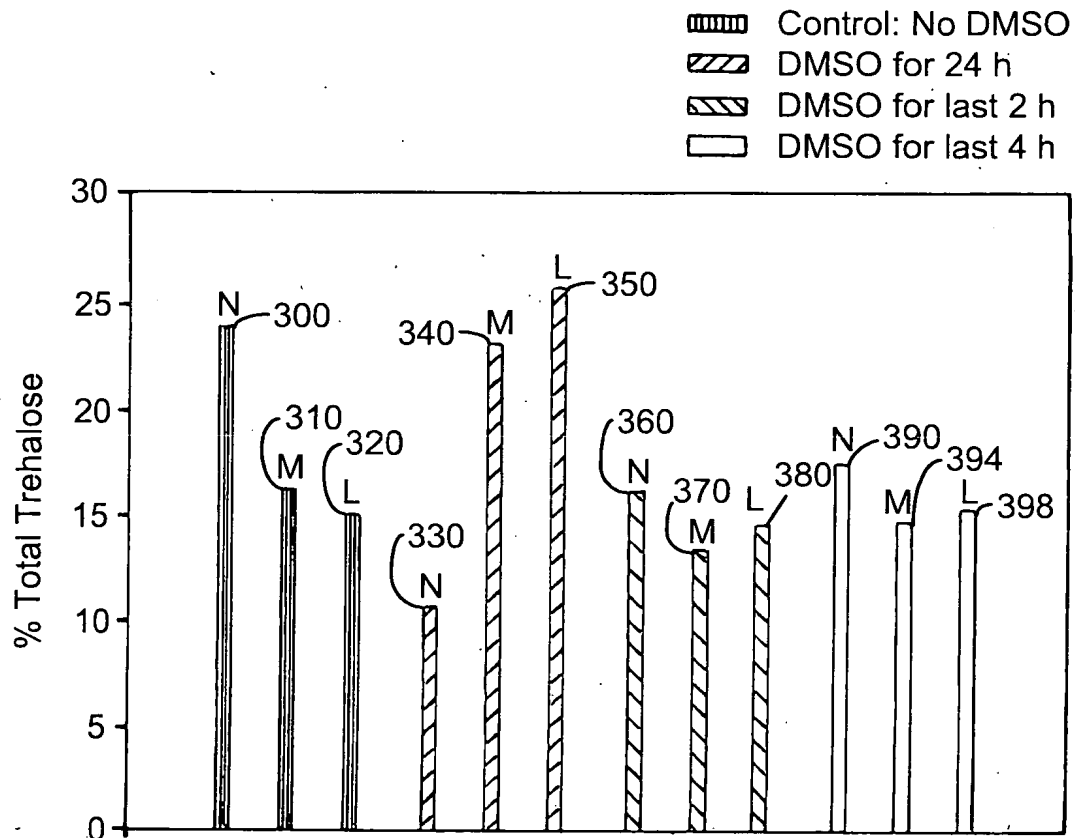
FIG. 30

Continuous Loading:
5 h LYCH & DMSO



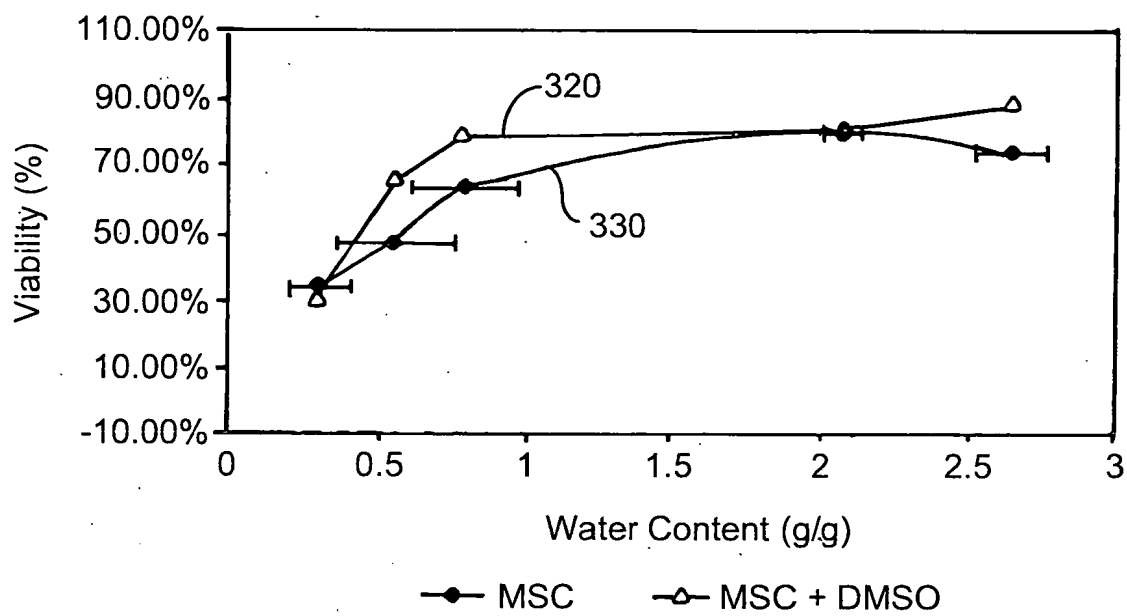
15/17

Cell Fractionation After Trehalose Loading +/- DMSO

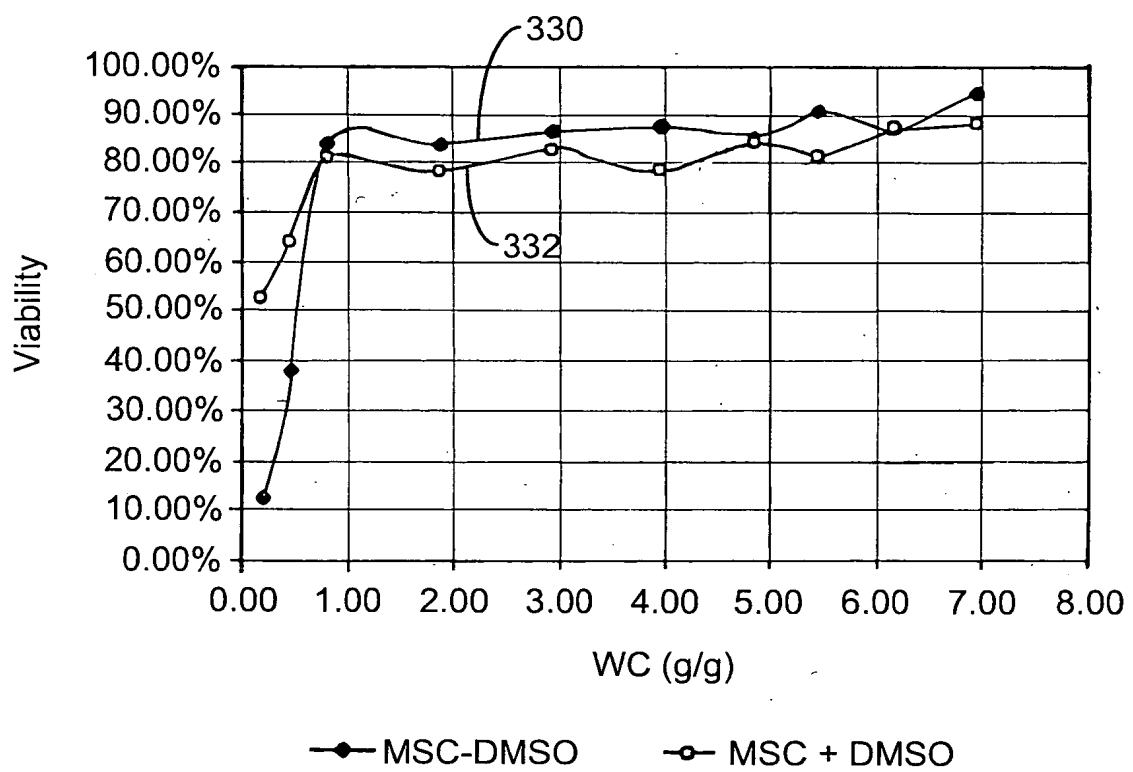
**FIG. 31**

16/17

Viability (%) vs Water Content (g/g)

**FIG. 32**

17/17

**FIG. 33**